

Director, Bureau of Laboratories

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Bureau Vision

The Bureau of Laboratories is a stronger, more diverse team within an integrated public health system. We utilize advanced technology and innovative leadership to provide comprehensive public health services in our dynamic global community.

Bureau Mission

We are dedicated to continuing leadership in providing quality laboratory science for healthier people and communities through partnerships, communication, and technical innovation.

LabLink is published quarterly by the Michigan Department of Health and Human Services, Bureau of Laboratories, to provide laboratory information to Michigan health professionals and the public health community.

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Editor: Teresa Miller



RICK SNYDER, GOVERNOR | NICK LYON, DIRECTOR

***APHL and BOL to Host a Unique Training Opportunity
Nationally Acclaimed Speaker: Dr. Patricia Payne
presents Packaging and Shipping: Division 6.2 Materials***

The Association of Public Health Laboratories (APHL) and the Michigan Department of Health and Humans Services Bureau of Laboratories (BOL) is sponsoring “Packaging and Shipping: Division 6.2 Materials.”

Patricia Payne, Ph.D., MT (ASCP), President, JBM Associates, Inc. consults with APHL to develop and conduct training on regulations that affect the transport of Division 6.2 hazardous materials and will be the instructor for this program. Since 2002, Dr. Payne has been providing training and consultation to public health and clinical laboratories throughout the United States.

This is a unique opportunity to participate in an intermediate-level, one-day program that provides a comprehensive overview of regulations applicable to packaging and shipping laboratory specimens.

Lectures, demonstrations, and group exercises will be used to provide instructions on complying with international, federal, and local transportation regulations.

Participants will be tested on their knowledge of the regulations and receive documentation of attendance and testing.

Participants who successfully complete this program will be awarded 7.0 contact hours of continuing education credits (CEU) through ASCLS P.A.C.E.® Participants will meet Department of Transportation (DOT) training requirements upon satisfactory course completion and documentation of OSHA blood borne pathogens or other safety training and security training.

Registration is free. Continental breakfast and lunch are provided. Register for the class at: www.aphl.org/009-18. Registration closes April 24, 2018. Please see the flyer adjacent to this article for more details about this training opportunity.

Packaging and Shipping: Division 6.2 Materials

Lansing, MI - May 1, 2018



**Sponsored by the
Michigan Department of Health and Human Services,
Bureau of Laboratories and Association of
Public Health Laboratories**



Description

This intermediate-level, one-day program provides a comprehensive overview of regulations applicable to packaging and shipping laboratory specimens. Lectures, demonstrations, and group exercises will be used to provide instruction on complying with international, federal, and local transportation regulations. Participants will be tested on their knowledge of the regulations and receive documentation of attendance and testing. Participants meet Department of Transportation (DOT) training requirements upon satisfactory course completion and documentation of OSHA blood borne pathogen or other safety training and security training.

Audience

This program is designed for laboratorians who package, ship, and transport Division 6.2 hazardous materials such as patient specimens, cultures, and dry ice.

Objectives

At the conclusion of this program, the participant will be able to:

- Classify, mark, label, and document Division 6.2 hazardous materials (UN3373, UN2814, and UN2900) and dry ice properly for transport by land, air, and United States Postal Service.
- Outline DOT training requirements, including the responsibilities mandated for testing and documentation.
- Choose the most appropriate DOT exception to use when transporting Division 6.2 materials by motor vehicle.

Faculty

Patricia Payne, Ph.D., MT(ASCP), President, JBM Associates
JBM Associates, Inc. consults with the Association of Public Health Laboratories (APHL) to develop and conduct training on regulations that affect the transport of Division 6.2 hazardous materials. Since 2002, Dr. Payne has been providing training and consultation to public health and clinical laboratories throughout the United States.

Location

May 1, 2018

Bureau of EMS, Trauma and Preparedness
Lansing, MI

Agenda

8:00 a.m.	Registration and Pre-test
8:30 a.m.	Overview of National and International Regulations and Training Requirements
9:30 a.m.	Classification (Land, Air, Mail)
10:00 a.m.	Break
10:15 a.m.	Classification Continued
10:45 a.m.	Packaging, Labeling, Marking, and Documentation
11:45 a.m.	Emergency Response Information
12:15 p.m.	Lunch (provided)
1:00 p.m.	Exceptions for Motor Vehicle Transport
1:30 p.m.	Case Studies
3:00 p.m.	Break
3:15 p.m.	Review, Question and Answer Period
3:45 p.m.	Competency Exam and Evaluations
5:00 p.m.	Adjourn

Continuing Education

The Association of Public Health Laboratories (APHL) is approved as a provider of continuing education programs in the clinical laboratory sciences by the ASCLS P.A.C.E.[®] Program. Participants who successfully complete this program will be awarded 7.0 contact hours.

Registration

Register FREE at: www.aphl.org/009-18
Registration closes seven days before the course.

- If you have difficulty with the online registration process, please email marisa.barley@aphl.org or call 240.485.3843.
- Upon receipt of your registration, a confirmation letter including address and directions to each site will be sent by email.
- For more information, email seminar@aphl.org.

Special Needs

Individuals seeking special accommodations should submit their request in writing to seminar@aphl.org. Please allow sufficient time for APHL to make arrangements, which is normally at least three weeks prior to start date of the course. For more information call 800-536-6586.

This training was supported by Cooperative Agreement # 5N060HMO00803-03 funded by the Centers for Disease Control and Prevention. Its contents are solely the responsibility of the authors and do not necessarily represent the official views of CDC or the Department of Health and Human Services. This project was 100% funded with federal funds.

Course # 588-009-18

The Association of Public Health Laboratories (APHL) Department of Continuing Education and Training sponsors educational programs on critical issues in laboratory science.
For a complete list of courses, visit: www.LaboratoryTraining.org.

Packaging and Shipping of Clinical Samples, 2018 Course Schedule

This course provides a comprehensive overview of Federal (DOT and USPS), and International (IATA) regulations applicable to the packaging and shipping of laboratory specimens.

The first two hours of this class is a combined program designed to meet the needs of those seeking recertification as well as individuals who need full certification. The full certification program runs the entire 4 hour scheduled class.

This intermediate level course offers awareness of regulatory terminology, packaging, labeling, and documentation requisites through integration of lecture, demonstrations, group exercises, and handouts.

Successful completion of this course allows the attendee to meet the requirements for employer certification.

If you are interested in attending any of the sessions listed in the adjacent table, please register at the MI-TRAIN website: <https://www.train.org/mi-train>.

The course name is **Packaging and Shipping of Clinical Samples**. The course identification number is **1062236**.

For questions contact Shannon Sharp at

(517) 335-9653 or by email at sharps1@michigan.gov.

Facility Name	Address	Date	Time
Providence-Providence Park Hospital-Southfield Campus Building DePaul Annex Room: Research Conference Room	16001 West Nine Mile Rd. Southfield, MI 48075	4/12/2018	9:00am-1:00pm (Recertification only 9am-11am)
MDHHS Bureau of Laboratories Room: 282 Note: Present photo ID at the gate. Parking is available at the north entrance of the building	3350 N. MLK Jr, Blvd. Lansing, MI 48906	4/17/2018	1:00pm-5:00pm (Recertification only 1pm-3pm)
Borgess Medical Center Room: LEC 124	1521 Gull Rd. Kalamazoo, MI 49001	4/18/2018	10:00am-2:00pm (Recertification only 10am-Noon)
Beaumont Hospital Parking: best location South Parking deck (Green) across from Administration Building. After you enter building, take staircase in main lobby down to lower level, first classroom on left. Building: Administration Room: OUWB School of Medicine Parking: South Parking Deck	3601 W. Thirteen Mile Rd. Royal Oak ,Michigan 48073	4/26/2018	9:00am-1:00pm (Recertification only 9am-11am)
Kent County Health Department Room : Lake Michigan	700 Fuller Ave, NE Grand Rapids ,MI 49503	4/30/2018	9:00am-1:00pm (Recertification only 9am-11am)
Bureau of EMS, Trauma & Preparedness Room: Joint Activity Room (JAR) Parking: Parking lot across the street from the building Instructor: Pat Payne from JBM Associates Inc.	1001 Terminal Rd. Lansing, MI 48906	5/1/2018	8:00am-5:00pm Note: This is a special all day seminar-Please register through APHL at: www.aphl.org/009-18
Spectrum Health Regional Laboratory Room: Conference Room # 7461	35 Michigan NE Grand Rapids, MI 49503	5/15/2018	9:00am-1:00pm (Recertification only 9am-11am)
Saginaw County Department of Public Health Room: 409	1600 N. Michigan Ave. Saginaw, Michigan 48602	5/17/2018	Noon-4:00pm (Recertification only Noon-2pm)
Lakeland Medical Center Room: Conference Room # 4	1234 Napier Ave. St. Joseph, MI 49085	5/22/2018	10:00am-2:00pm (Recertification only 10am-Noon)
Oaklawn Hospital Building :Wright Medical Building Room: Large Classroom	215 E. Mansion St. Marshall, MI 49068	5/30/2018	Noon-4:00pm (Recertification only Noon-2pm)
McLaren Flint Hospital Room: Laboratory Conference	401 S. Ballenger Hwy. Flint, MI 48532	6/14/2018	10:00am-2:00pm (Recertification only 10am-Noon)
Scheurer Hospital Room: Wilson	170 N Caseville Rd. Pigeon, MI 48755	6/19/2018	Noon-4:00pm (Recertification only Noon-2pm)
Henry Ford Allegiance Health Room: Dining Room 2	205 N East Ave Jackson, MI 49201	6/25/2018	9:00am-1:00pm (Recertification only 9am-11am)
West Branch Regional Medical Center Laboratory Room: Library	2463 S M-30 West Branch, MI 48661	6/27/2018	10:00am-2:00pm (Recertification only 10am-Noon)

Discontinuation of Zika Virus Screening Tests

Since May, 2016, the Michigan Department of Health and Human Services Bureau of Laboratories (MDHHS BOL) has offered screening for Zika virus antibodies and viral RNA due to the public health emergence of Zika virus. This testing also included Dengue virus and Chikungunya virus serology and molecular testing as part of an Emerging Arbovirus panel.

Due to budget constraints, as of **March 20, 2018**, the Bureau of Laboratories (BOL) is no longer offering screening services for Zika virus testing. Several commercial laboratories now routinely offer Zika serology and PCR testing to offset the need for testing at MDHHS BOL. MDHHS is recommending submitters contact commercial laboratories they routinely use to determine testing options. BOL will continue to serve as the Zika virus confirmatory testing center for Michigan residents who have had positive screening testing performed at another laboratory.

Healthcare providers can still request the MDHHS BOL Emerging Arbovirus Panel on a **case by case basis** for situations where assays available through commercial labs do not meet their needs. Babies born with findings consistent with Zika virus infection may also be tested by arrangement. Contact an MDHHS Epidemiologist at (517) 335-8165 to discuss cases and obtain approval for testing.

In summary, as of March 20, 2018, BOL will no longer offer screening services for Zika testing. All requests for Zika Virus testing at BOL must first be approved through the Bureau of Epidemiology and Population Health at (517) 335-8165.

Discontinuation of the OraSure® Human Immunodeficiency Virus Type 1 Western Blot Kit

OraSure Technologies has announced the discontinuance of the OraSure® Human Immunodeficiency Virus Type 1 (HIV-1) Western Blot Kit.

Beginning September 1, 2018, the Bureau of Laboratories will no longer be able to perform Western Blot Confirmatory testing on OraSure EIA specimens. Our reports will indicate the discontinuance in the near future.

What does this mean for you as the submitter? You will have two choices for confirmatory testing. The first choice, which we prefer, is to submit a serum or plasma specimen for confirmatory testing. Serum or plasma specimens are run through the complete Centers for Disease Control and Prevention-Association of Public Health Laboratories fourth generation algorithm. This is the best choice for detecting acute HIV infections. The second choice is to submit Dried Blood Spots (DBS) for testing. The DBS EIA is followed by the Western Blot confirmatory test. You will still be able to submit OraSure specimens for EIA screening, but, you will need to make a choice of specimen type for confirmatory testing.

If you have any questions in regard to this article or any HIV testing questions, please feel free to call me at **(517) 335-8098** or by email at RobesonB@michigan.gov.

Leaving a Legacy of Saving Babies

Bureau of Laboratories Newborn Screening Program

Harry Hawkins - 1953-2018

Too often vital public health services are invisible to most state residents. While lifesaving research and medical science are translated into public health practice by state and local public health employees, most individuals do not realize such important work is keeping us safe from disease, injury, infection and more. Screening of newborns is an important public health program to detect babies with rare, but serious disorders that benefit from early treatment. Mr. Harry Hawkins was an individual who played a vital role in the progress that the Newborn Screening Program has seen since he started with the state public health department in the 1970s.

Harry Hawkins joined the Michigan Department of Public Health in 1977 as a laboratory technologist, later becoming the Laboratory's Newborn Screening (NBS) Section Manager. Over the years, he has been instrumental in the growth of the NBS laboratory from its infancy to current advanced state—evolving from a completely manual process using one computer and results figured on calculators for a single disorder—to a highly automated, high throughput facility that screens for over 53 disorders on a daily basis using over 35 state of the art laboratory instruments, more than 100 computers and a sophisticated Laboratory Information System. Over the years, his contributions included not only developing and standardizing assays, but deploying automated computer data analysis, and writing programs for data reduction.



Today, in large part due to the efforts of Harry, Michigan screens for over 53 disorders that can lead to severe morbidity or mortality if not detected early. As each disorder was considered for addition to the screening panel, Harry ensured use of the best available laboratory technology. The Advancements of the Michigan Newborn

Screening Program would not be possible without the efforts and dedication of this man, who was among the founding fathers of modern day screening programs, participating in national initiatives, and networking with other state labs to help improve Michigan's program. Although most families are unaware of his efforts, over the last 3 ½ decades he has touched the lives of about 7 million newborns who received screening, and his work has directly benefitted over 6,000 babies who have been identified with a disorder and referred for early treatment to help prevent serious health complications.

Harry's passion for newborn screening, his many years of successful collaboration, and lifelong public health career devoted to saving lives and improving the health of Michigan's newest infant citizens will continue to be an inspiration for us all in the years to come.

Harry C. Hawkins passed away Tuesday, February 27, 2018, at age 65. Harry was born, January 27, 1953 in Rogers City, Michigan, the son of Walter and Virginia (Charron) Hawkins.